

2015-2017 Anticipated Capital Budget and Projects



Columbia River Policy Advisory Group (CRPAG)
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DEPARTMENT OF
ECOLOGY
State of Washington

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OCR WATER PROJECTS 2014

● Completed, Developed
● Active, Under Development
Locations are approximate

Methow Trust Water Acquisition
52 ac-ft Out-of-Stream

Methow Projects
2854 ac-ft Out-of-Stream

Goose Lake & Nine Mile Flat Storage
Ac-Ft TBD

Pine Creek Acquisition
900 ac-ft Out-of-Stream

Mill Creek Storage
11,000 ac-ft Out-of-Stream

Sullivan Lake Water Supply
9,400 ac-ft Out-of-Stream
4,600 ac-ft Instream

Lake Roosevelt Incremental Storage Releases
All Years:
55,000 ac-ft Out-of-Stream
25,000 ac-ft Instream
Drought Years:
88,000 ac-ft Out-of-Stream
44,000 ac-ft Instream

Peshastin Pump Exchange
Ac-Ft TBD

Peshastin ID Piping
360 ac-ft Instream

Lower Wenatchee Instream Flow Enhancement
1,493 ac-ft Instream

Lincoln CD Passive Rehydration
Ac-Ft TBD

Spokane-Rathdrum ASR
105,000 ac-ft Out-of-Stream

Columbia Basin ID Piping
26,000 ac-ft Out-of-Stream
5,000 ac-ft Out-of-Stream

Weber Siphon
Conveyance

Odessa Subarea Groundwater Replacement
164,000 ac-ft Out-of-Stream

East Low Canal Widening
Conveyance

Potholes Supplemental Feed Route
Conveyance

Pasco Municipal Supply Improvements
5,000 ac-ft Out-of-Stream

Walla Walla Flow Enhancement
30,000 ac-ft Instream

Port of Walla Walla Leases
4,761 ac-ft Out-of-Stream

Region-Wide Projects

Conservation Commission Irrigation Efficiency
Ac-Ft TBD

Conservation Commission Retiming
Ac-Ft TBD

Regional Aquifer Storage and Recover
Ac-Ft TBD

Donations
13,060 ac-ft ac-ft Instream

Kachess Drought Relief Pumping Plant
200,000 ac-ft Out-of-Stream

Basin-Wide Habitat Enhancement & Restoration
8 Obstructions Removed
83+ Miles of River Improved
1,174+ Acres Encompassed

Yakima City ASR
10,000 ac-ft Out-of-Stream
Instream ac-ft TBD

Yakima Basin Integrated Plan

Cle Elum Pool Raise
14,000 ac-ft Out-of-Stream

Teaaway Acquisition
50,272 acres of Watershed Protected

Manastash Conservation and Tributary Enhancement
1,300 ac-ft Instream

Other Yakima Basin Integrated Plan Projects
226,000 ac-ft Instream & Out-of-Stream (Basin-Wide)

Sunnyside Valley ID
7,815 ac-ft Instream

White Salmon ASR
145 ac-ft Instream

KID/Red Mountain
11,005 ac-ft Instream

Horse Heaven Hills
105,000 ac-ft Out-of-Stream

Barker Ranch
6,436 ac-ft Instream

Kennewick ASR
318+ ac-ft Instream

508.14 Rule Change
Ac-Ft TBD

2013 - 2015 Projects: Sullivan Lake Project



FUNDING: \$2 million
EST. NWS: 14,000 ac-ft (total)
OCR DIR: New Water Rights,
Instream Flow
EST COST: \$1000af

Funds the remaining \$2 million (out of \$14 million). Governor Inslee announced last week that \$2 million would be transferred from the Pend Oreille County PUD's Sullivan Lake Project to the Moses Lake Irrigation and Rehabilitation District (MLRID) North Dam Replacement Project during the 13-15 budget cycle.

2015 - 2017 Projects: Coordinated Conservation



FUNDING: \$3 million
EST. NWS: 30,000 ac-ft (total)
OCR DIR: Odessa
EST COST: \$1000af

Funds the 3 Columbia Basin Irrigation Districts to continue to implement conservation projects. The conserved water will be used to replace groundwater for 10,000 acres of irrigation lands in the Odessa Subarea and for fish and wildlife enhancements.

2015 - 2017 Projects: Icicle Creek Integrated Plan



FUNDING: \$2 million

EST. NWS: TBD

OCR DIR: New Water Rights, Instream
Flow, Interruptible Rights

EST COST: \$TBD af

Icicle Creek Workgroup will complete NEPA/SEPA and begin to implement an integrated project list of conservation, pump exchange, fish habitat, fish passage, storage optimization, and hatchery improvements, to meet out-of-stream demands and restore stream flows in Icicle Creek.

2015 - 2017 Projects: Walla Walla Basin Integrated Plan



FUNDING: \$1 million
EST. NWS: TBD
OCR DIR: Instream Flow
EST COST: \$TBD af

Walla Walla Basin Work Group will finalize an integrated project list of water acquisition, conservation, pump exchange, fish habitat, and groundwater recharge projects, to restore stream flows in the Walla Walla River.

2015 - 2017 Projects: Methow Valley Irrigation District (MVID)



FUNDING: \$1M to \$1.5M
EST. NWS: 11 to 15cfs
OCR DIR: New Water Rights,
Instream Flow
EST COST: \$TBD af

The MVID Instream Flow Improvement Project provides improvements to the MVID East and West Canal delivery systems and eliminates the MVID Twisp River push-up dam. Benefits include improved instream flows and fish habitat on the Twisp River, Methow River and Alder Creek, more reliable service for MVID members and public water supply for the Town of Twisp.

2015 - 2017 Projects: Fortis B.C. Storage Feasibility Study



FUNDING: \$1.6 million

EST. NWS: 154,000 ac-ft

OCR DIR: New Water Rights, Pending
Apps., Instream Flow,
Interruptible Rights

EST COST: \$TBD af

**Evaluation of a proposed hydropower and water supply, surface storage facility on the Similkameen River near Princeton, B.C.
Shared cost and water supply for Washington and Oregon.**

2015 - 2017 Projects:

Horse Heaven Hills - Switzler Canyon Storage



FUNDING: \$500k to 1 million

EST. NWS: 44,000 ac-ft

OCR DIR: New Water Rights, Pending
Apps., Instream Flows

EST COST: \$6,000 af

Continued evaluation and environmental assessment of a surface storage reservoir to be constructed in Switzler Canyon in WRIA 31. Reservoir is filled during periods of water availability on the Columbia River and released from the reservoir as mitigation for new water demands when water is not available.

2015 - 2017 Projects: New Project Proposals

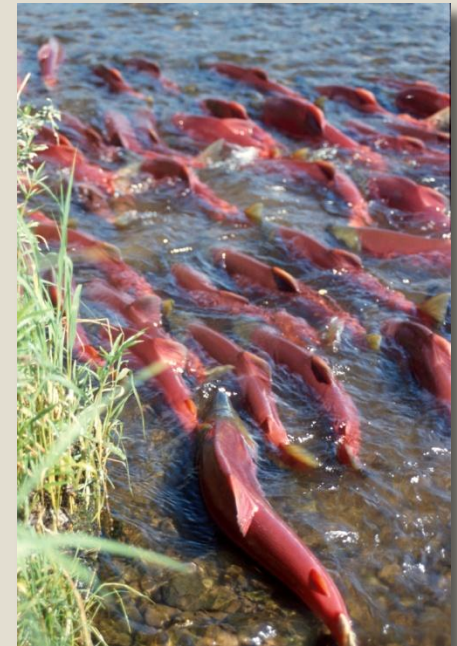


- **Stemilt WRIA 40A, small scale storage feasibility**
 - \$150,000
 - Project Proponent – Chelan County
- **Walla Walla Leased water**
 - \$1 million
 - Project Proponent – Ecology
- **Lake Roosevelt Incremental Storage Releases Program**
 - \$1.2 million
 - Project Proponent – Ecology

2015 - 2017 Projects: New Project Proposals



- **Water acquisitions and leases**
 - \$1 million
 - Project Proponent – Ecology
- **OCR 2016 Supply and Demand Forecast**
 - \$1.5 million
 - Project Proponent – Ecology & WSU
- **Columbia River off-channel Storage**
 - \$1.6 million
 - Project Proponent – Ecology
- **New water supply development projects**
 - \$2 million
 - Project Proponent – Ecology



2015 - 2017 Capital Budget - Conclusions



- **OCR's 15-17 capital budget proposal is likely to be approximately \$22 million**
- **Agency budget proposal due to OFM in Sept. 2014**
- **After the 15-17 biennium, this leaves approximately \$10 million in OCR's bonding authority**



Questions?

